



## SAS Superstructure

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 22-Nov-14

Time 7:56 AM

### Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 797 Const Calendar Day: 275 Date: 06-Mar-2013 Wednesday

Inspector Name: Bruce, Matt Title: Transportation Engineer

Inspection Type: Intermittent

Shift Hours: 07:00 am 05:30 pm Break: 00:30 Over Time: 02:00

Federal ID:

Location:

Reviewer: Schmitt, Alex

Approved Date:

Status: Submit

04-0120F4  
04-SF-80-13.2/13.9  
Self-Anchored  
Suspension Bridge

#### Weather

Temperature 7 AM 40 - 50 12 PM 50 - 60 4PM 50 - 60

Precipitation 0.00"

Condition Partly cloudy

Working Day ☐ If no, explain:

#### Diary:

Dispute

##### Work description.

- Used the Modified Caltrans CT-1 Extensometer to measure the current elongation of bolts for cable bands 104N, 106N, 104S, and 106S. Measurements were taken by myself, John Lyons, and Alex Schmitt. These cable bands are being measured for Structures Maintenance & Investigations (SM&I) future monitoring of bolt tension on the bridge over time.

- Completed processing the survey for the suspender rope angle from the cable band to the OBG bracket at panel point 100S. Used a picture of the suspender ropes at 100S taken from the bikepath (South) looking north to display the suspender rope offset and add commentary. Sent the picture in pdf format to Brian Boal for discussion at the weekly CAT meeting today.

- Continued to preplan surveying the T1 tower head parapet elevation and the axial compression of the tower due to load transfer per the request of Stanley Ku and Mohammed Awal. Mobilized survey equipment to the top of the south tower head shaft. Borrowed a steel tape and accessories from ABF survey party chief Dave Adams.

- Prepared for OSC Winter Training classes set for tomorrow March 7th and Friday March 8th scheduled at the San Leandro Maintenance station.

#### Attachment



ABF ironworkers removing a section of the Favco tower seen from the tower head.



Favco lowering a frame section onto the OBG seen from the east end of the SAS bridge.

